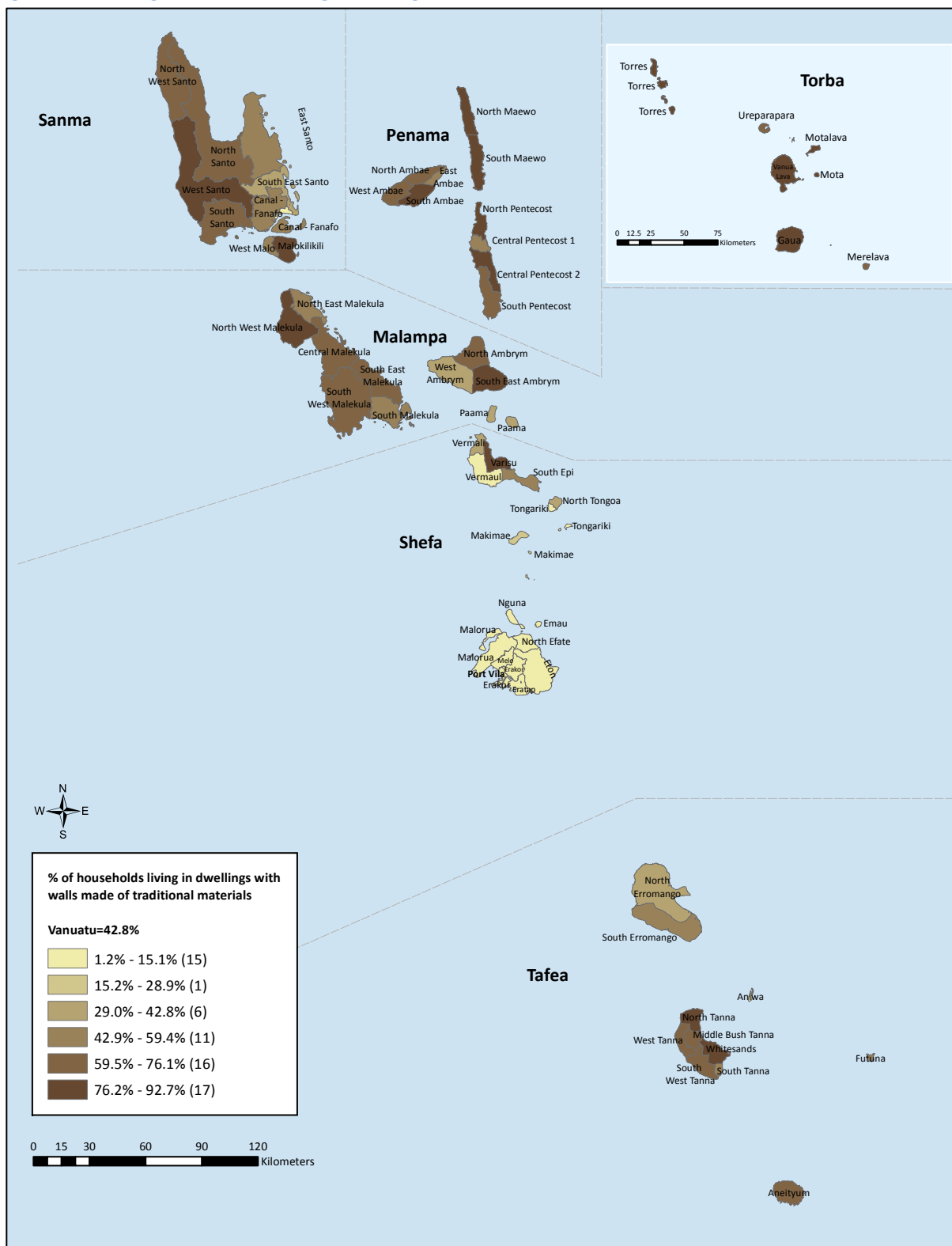


C. HOUSEHOLD LIVING (DWELLING) CONDITIONS

Living conditions vary considerably across Vanuatu, based in part on access to infrastructure and utilities. Those living outside urban areas and towns tend to go without electricity and often lack piped water and sewage systems. On most islands, almost all households mainly rely on wood or coconut shell for cooking – even in Port Vila almost half of households still cook using these sources. In the more urbanized parts of the country, houses have concrete or wood floors. Many households in Vanuatu live in basic conditions. For instance, even though traditional materials appear to be widely used for housing across the country, only 17% of households report living in dwellings with walls made of makeshift or improvised materials.

- A generally low access to electricity in Vanuatu is an area of concern. At the national level, only 38% of households report having electricity (from main grid, solar, or own generator) as a main source of lighting. Outside of the key urban areas (Port Vila and Luganville), less than 20% of households have access to the main grid, and even that number may be driven by those households that live close to provincial centers. In fact, in most ACs, less than 2% of the population has access to the main grid. Solar power has become an important source of electricity, especially in more remote locations. In some ACs, up to 50% of households report reliance on solar power as the main source of lighting. The national average for this source is 6.3% (as of 2009). Only about 2% of the population relies on small petrol generators, which could be a reflection of high costs of fuel. However, in parts of Efate the share of households using generator power reaches 20% (Malorua).
- A significant share of population in more remote areas is using water from the unprotected source (such as river/lake/spring) as the main source of drinking water. While the national average of this statistic is 12% (coincidentally, very close to the poverty rate), in some area councils, such as on Erromango or Tanna, where natural springs are common, this indicator is as high as 70%.
- There is high reliance on using traditional fuels – coconut shell and firewood – as the main means of cooking across the country (85.2%). Coconut usage is notably high even in Efate, with over 95 percent in Eton relying on coconut fuelled fire. The lowest, yet still large, rate of coconut usage in Efate and Vanuatu as a whole is found to be 47.5% in Port Vila.
- Outside the urban centers and provincial hubs people rely on pit toilets or have no toilet at all. Whereas in Port Vila and across northern Efate flush toilets are more prevalent Pit latrines, shared and private, are used widely (48% of the population) as a primary type of toilet. Their use is particularly prevalent in Penama where between 83% and 100% of those living in Pentecost, Maewo, and Ambae use pit latrines. The lowest rates of pit latrine use (4.7%-19.1%) are found in Efate (Port Vila, Malorua, and North Efate) and a few other areas councils (Motalava, Tongariki, North Tongoa).

Figure 26: Percentage of households living in dwellings with walls made of traditional material



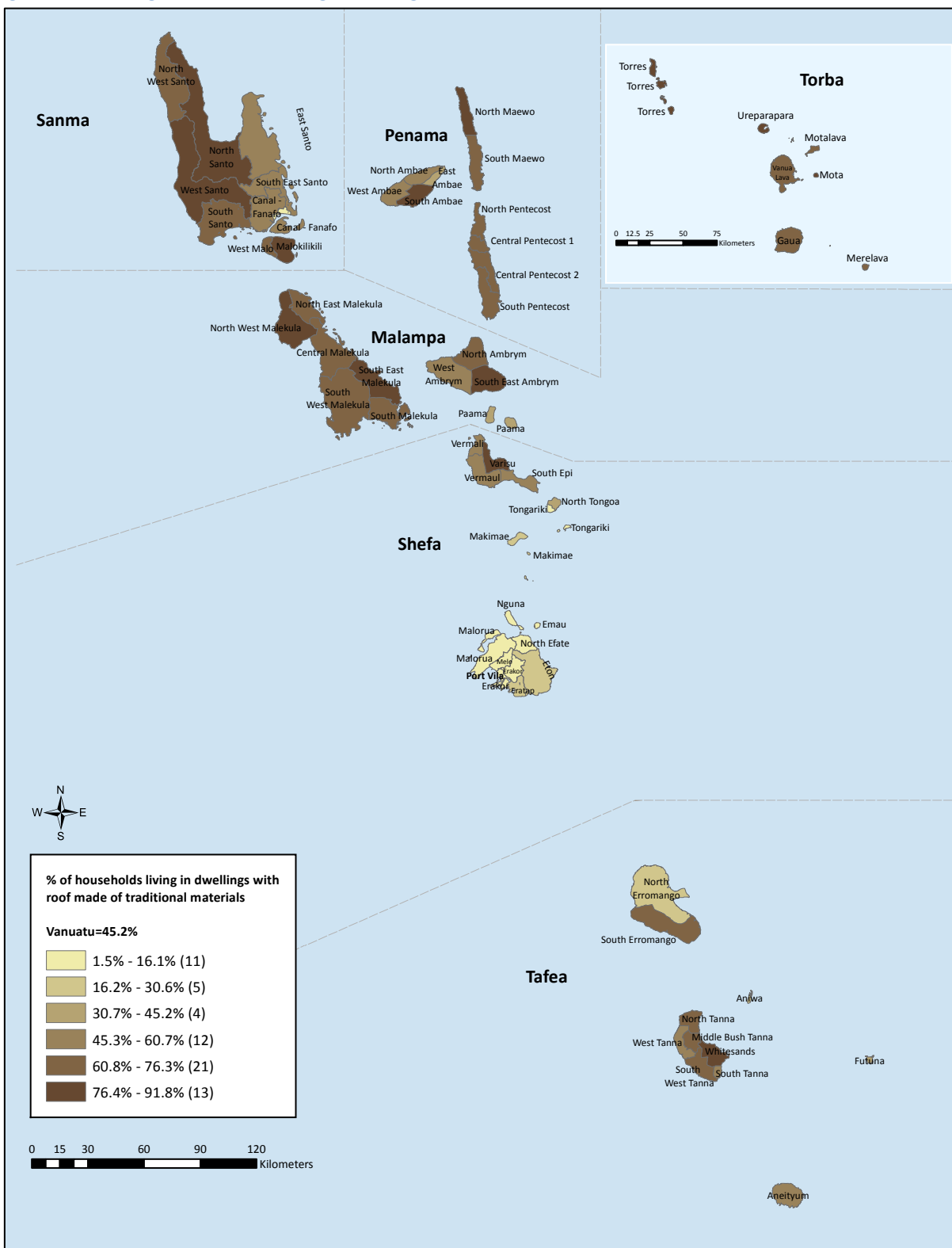
Source: Population and Housing Census, 2009.

Note: Number in () next to the category range shows the number of AC that fall into that category;

The median values for each category are 6.6%, 16.3%, 34.5%, 54.6%, 67.3% and 80.8%, respectively;

For each province, the percentage of households living in dwellings with walls made of traditional material is: Torba (79.7%), Sanma (57%), Penama (70.8%), Malampa (63.8%), Shefa (15.6%), Tafea (67.1%), Port Vila (2.6%) and Luganville (2.5%);

Figure 27: Percentage of households living in dwellings with roof made of traditional material



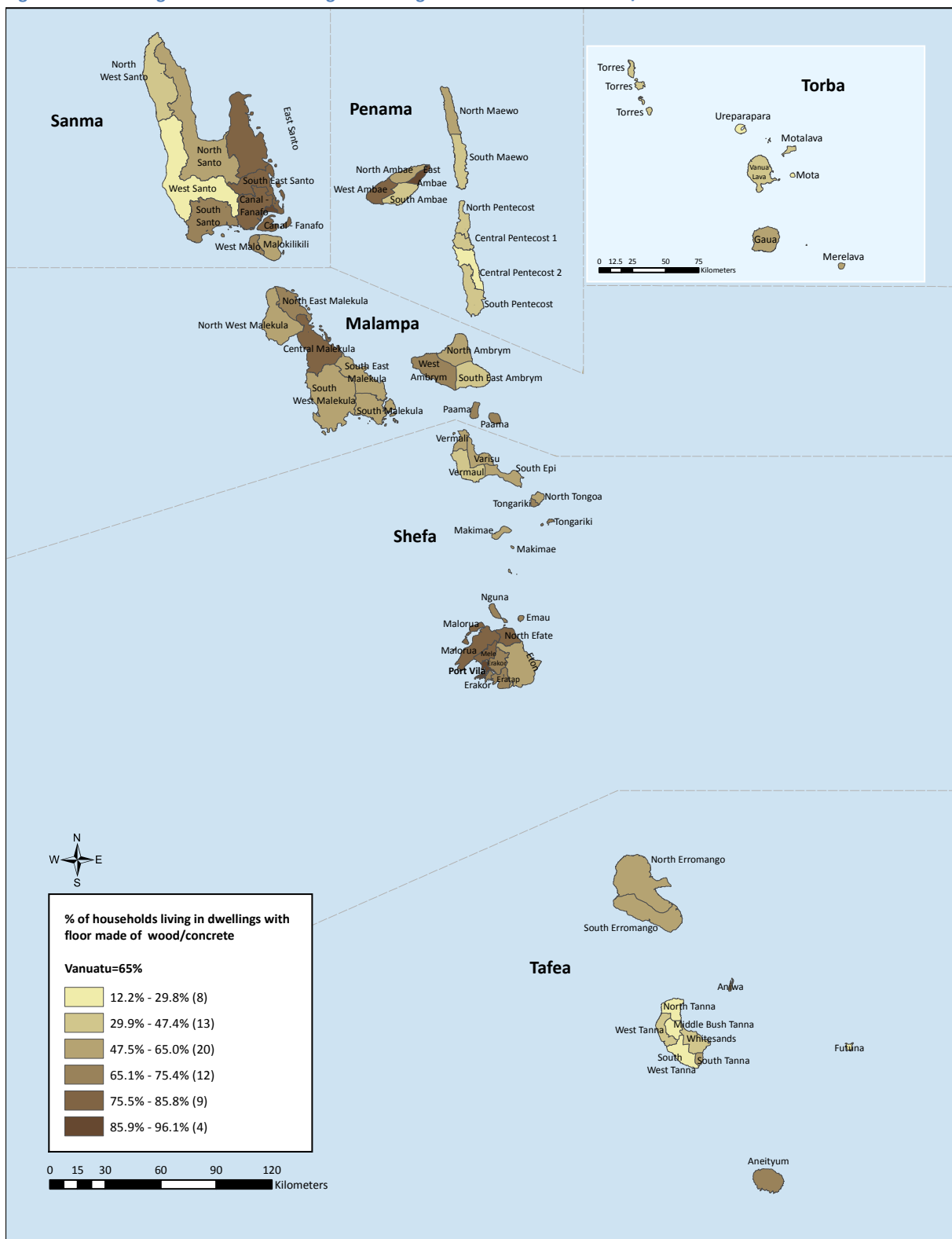
Source: Population and Housing Census, 2009.

Note: Number in () next to the category range shows the number of AC that fall into that category;

The median values for each category are 9.4%, 25.2%, 38.0%, 54.5%, 70.8% and 81.4%, respectively;

For each province, the percentage of households living in dwellings with roof made of traditional material is: Torba (78.1%), Sanma (66.8%), Penama (64.9%), Malampa (70.0%), Shefa (20.9%), Tafea (65.1%), Port Vila (1.5%) and Luganville (11.6%);

Figure 28: Percentage of households living in dwellings with floor made of wood/concrete



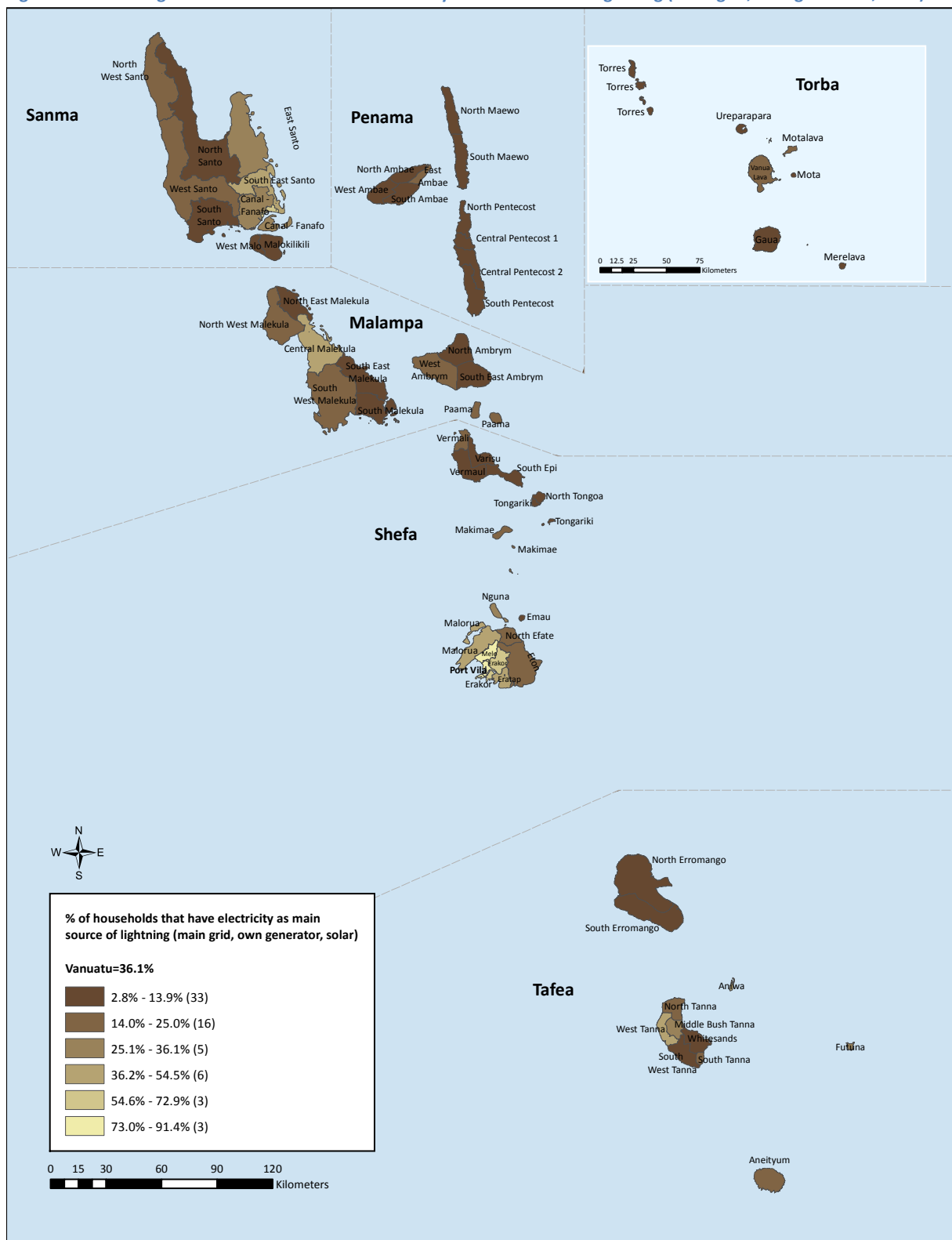
Source: Population and Housing Census, 2009.

Note: Number in () next to the category range shows the number of AC that fall into that category;

The median values for each category are 20.0%, 40.1%, 56.4%, 71.3%, 82.7% and 90.8%, respectively;

For each province, the percentage of households living in dwellings with floor made of wood/concrete is: Torba (37.1%), Sanma (65.1%), Penama (50.5%), Malampa (64.0%), Shefa (70.1%), Tafea (34.4%), Port Vila (90.9%) and Luganville (96.1%);

Figure 29: Percentage of households that have electricity as main source of lightning (main grid, own generator, solar)



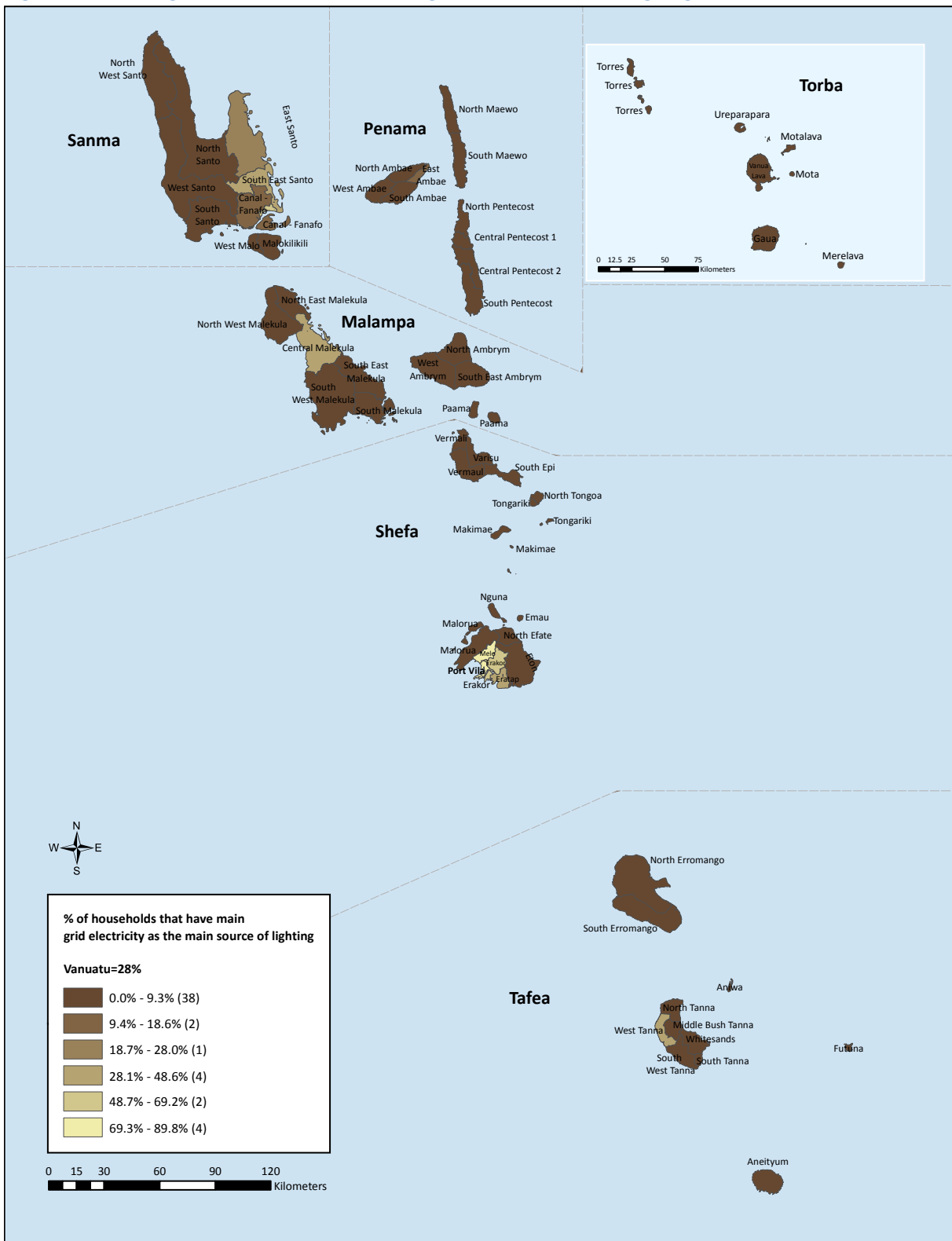
Source: Population and Housing Census, 2009.

Note: Number in () next to the category range shows the number of AC that fall into that category;

The median values for each category are 7.3%, 17.9%, 29.2%, 46.9%, 71.7% and 82.6%, respectively;

For each province, the percentage of households that have electricity as the main source of lightning is: Torba (10.1%), Sanma (19.7%), Penama (6.7%), Malampa (17.7%), Shefa (41.7%), Tafea (22.1%), Port Vila (85.7%) and Luganville (71.9%);

Figure 29a: Percentage of households that have main grid as the main source of lighting



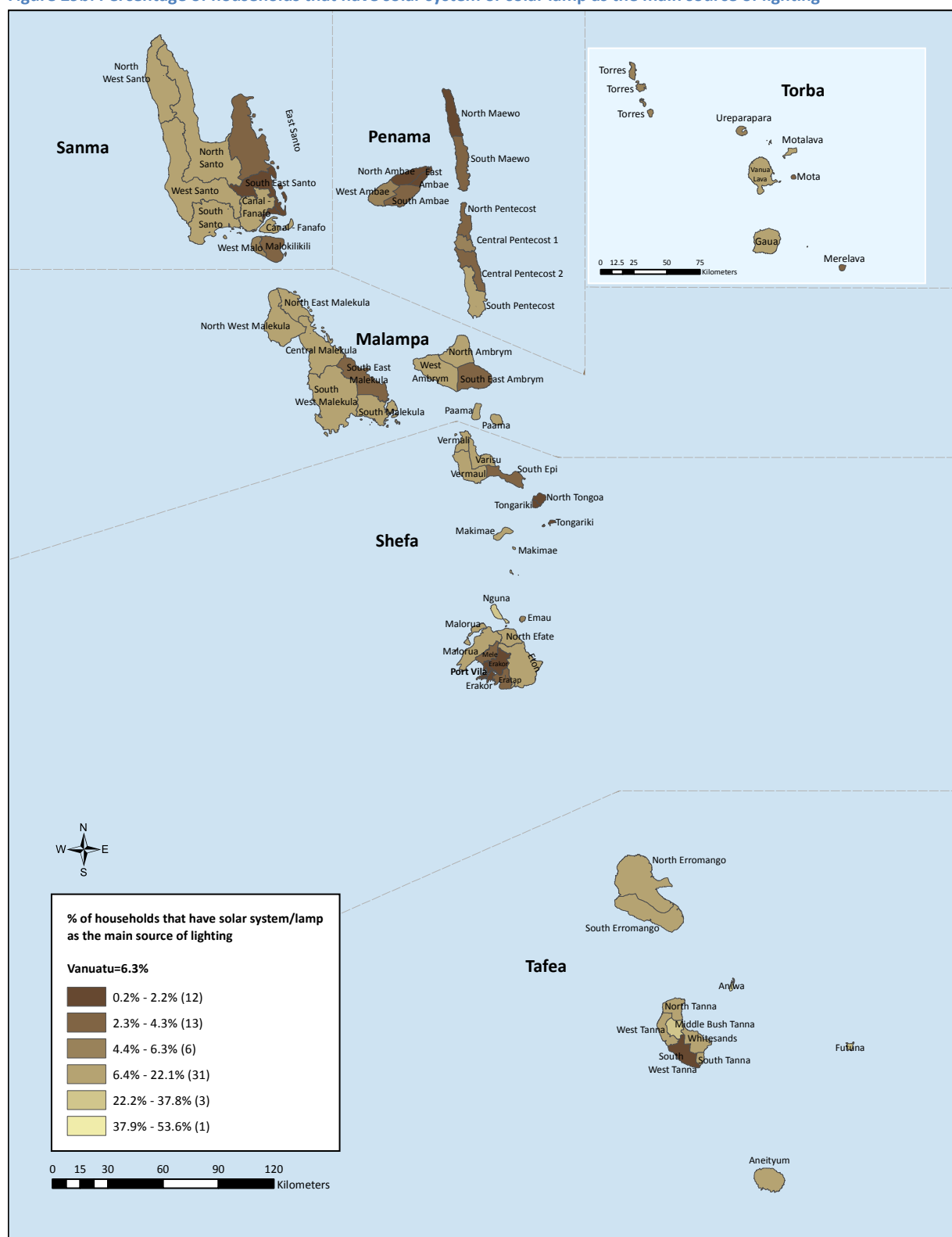
Source: Population and Housing Census, 2009.

Note: Number in () next to the category range shows the number of AC that fall into that category;

The median values for each category are 0.5%, 16.5%, 22.2%, 33.5%, 62.0% and 75.0%, respectively;

For each province, the percentage of households that have main grid electricity as the main source of lighting is: Torba (1.3%), Sanma (10.1%), Penama (2.5%), Malampa (6.5%), Shefa (30.5%), Tafea (8.4%), Port Vila (83.4%) and Luganville (68.0%);

Figure 29b: Percentage of households that have solar system or solar lamp as the main source of lighting



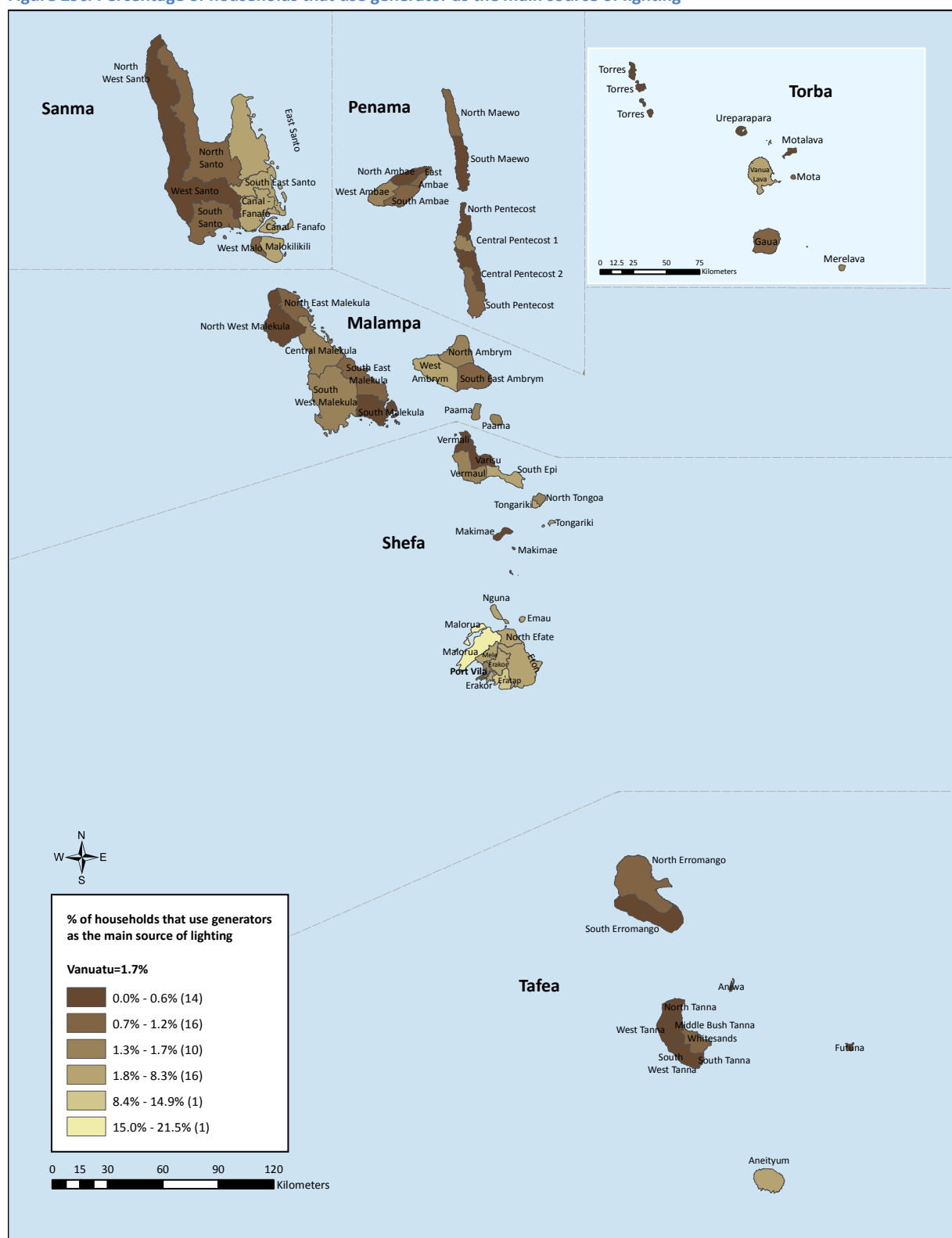
Source: Population and Housing Census, 2009.

Note: Number in () next to the category range shows the number of AC that fall into that category;

The median values for each category are 1.2%, 3.0%, 5.8%, 10.3%, 29.2% and 53.6%, respectively;

For each province, the percentage of households that have solar/system lamp as the main source of lighting is: Torba (7.5%), Sanma (7.2%), Penama (3.5%), Malampa (9.9%), Shefa (7.0%), Tafea (13.1%), Port Vila (0.9%) and Luganville (1.7%);

Figure 29c: Percentage of households that use generator as the main source of lighting



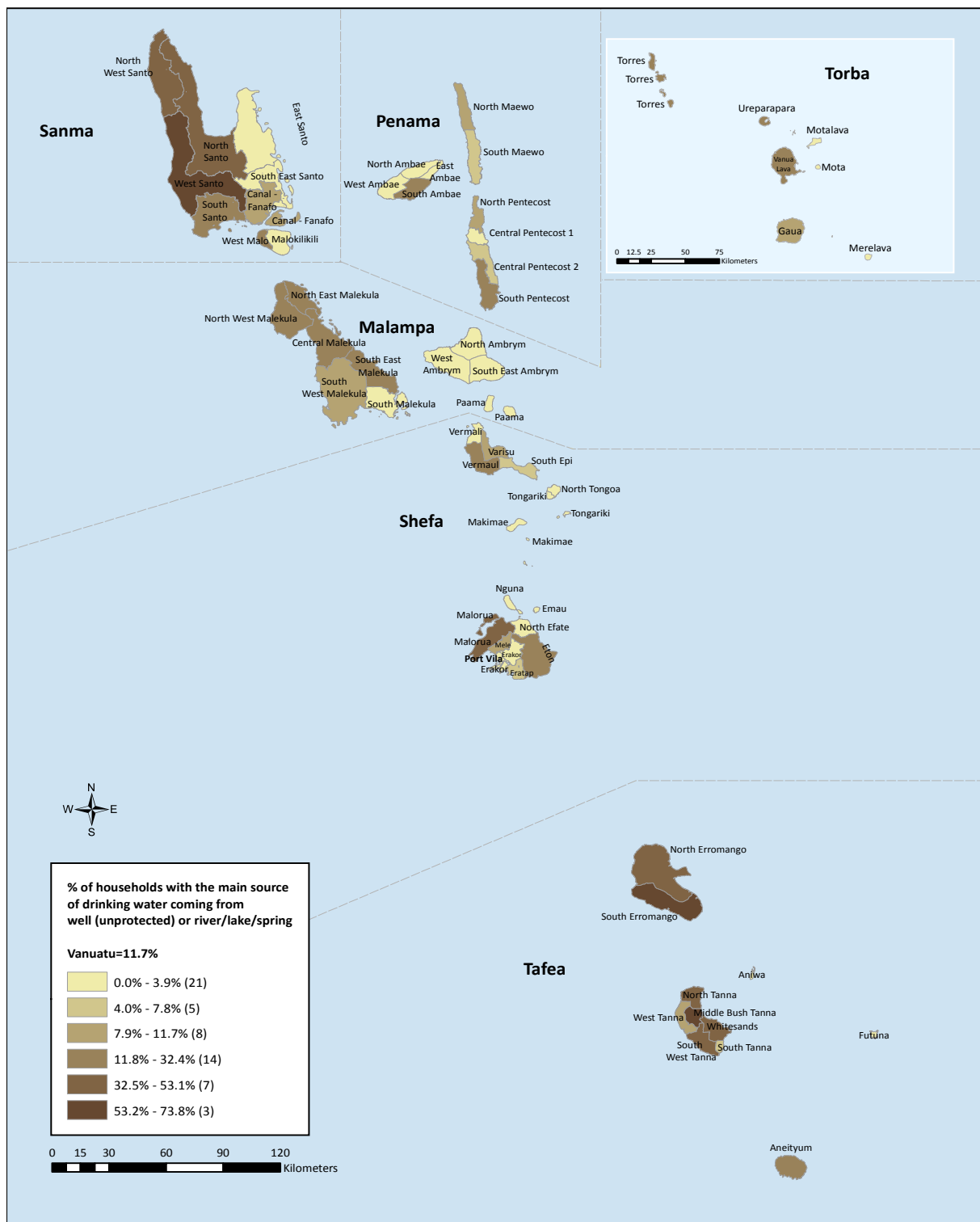
Source: Population and Housing Census, 2009.

Note: Number in () next to the category range shows the number of AC that fall into that category;

The median values for each category 0.4%, 1.0%, 1.5%, 4.3%, 9.3% and 21.5%, respectively;

For each province, the percentage of households that use generators as the main source of lighting is: Torba (1.2%), Sanma (2.4%), Penama (0.7%), Malampa (1.3%), Shefa (4.2%), Tafea (0.5%), Port Vila (1.4%) and Luganville (2.2%);

Figure 30: Percentage of households with the main source of drinking water coming from well (unprotected) or river/lake/spring



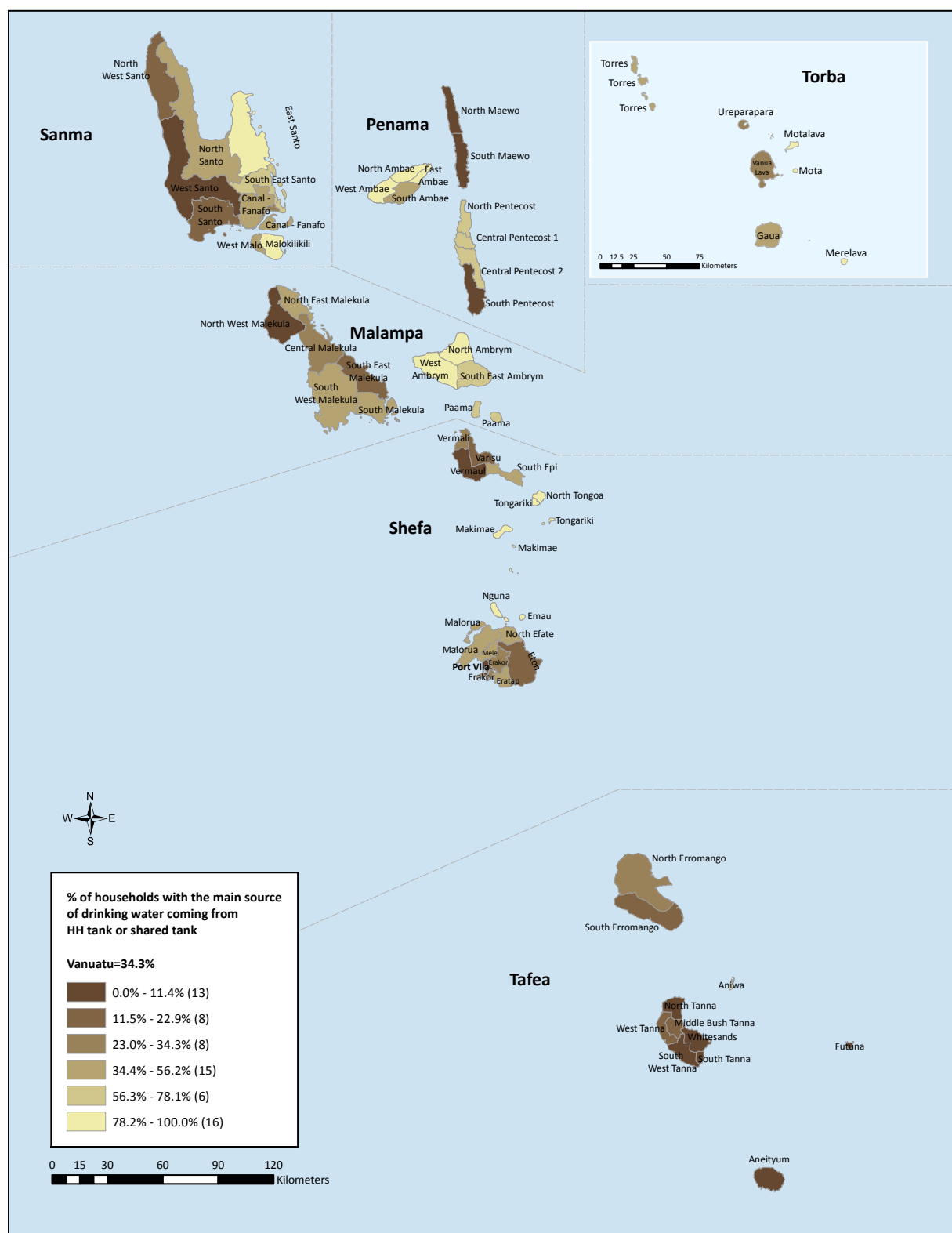
Source: Population and Housing Census, 2009.

Note: Number in () next to the category range shows the number of AC that fall into that category;

The median values for each category are 0.5%, 6.0%, 10.3%, 18.1%, 38.7% and 68.3%, respectively;

For each province, the percentage of households with the main source of drinking water coming from well or river/lake/spring is: Torba (11.9%), Sanma (19.3%), Penama (7.4%), Malampa (12.7%), Shefa (6.3%), Tafea (34.2%), Port Vila (1.3%) and Luganville (0.5%);

Figure 31: Percentage of households with the main source of drinking water coming from household or shared tank



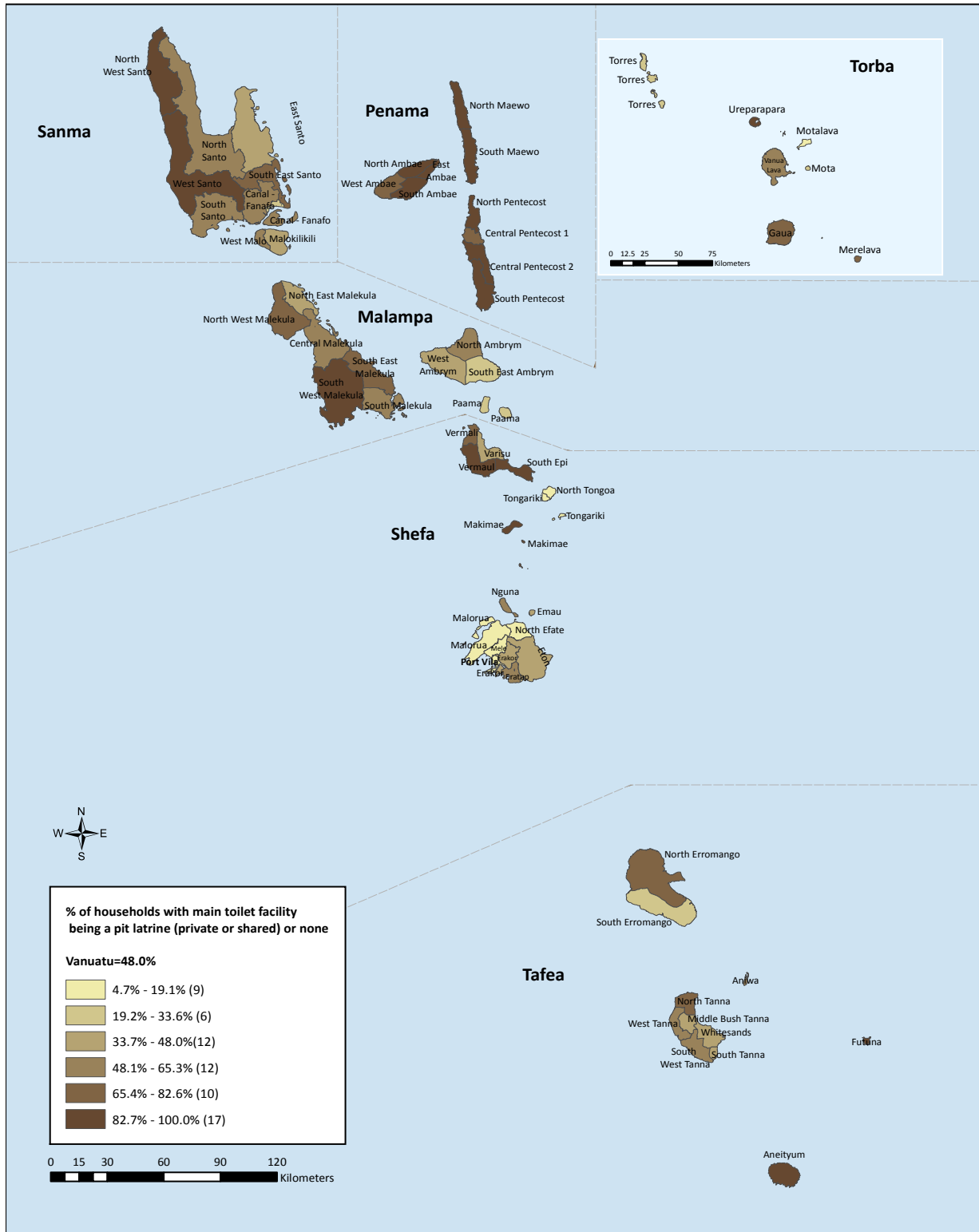
Source: Population and Housing Census, 2009.

Note: Number in () next to the category range shows the number of AC that fall into that category;

The median values for each category are 4.0%, 16.7%, 28.2%, 45.7%, 72.5% and 91.1%, respectively;

For each province, the percentage of households with the main source of drinking water coming from HH tank and shared tank is: Torba (57.5%), Sanma (43.7%), Penama (60.5%), Malampa (42.1%), Shefa (42.8%), Tafea (10.6%), Port Vila (7.8%) and Luganville (26.9%);

Figure 32: Percentage of households with main toilet facility being a pit latrine (private or shared) or none



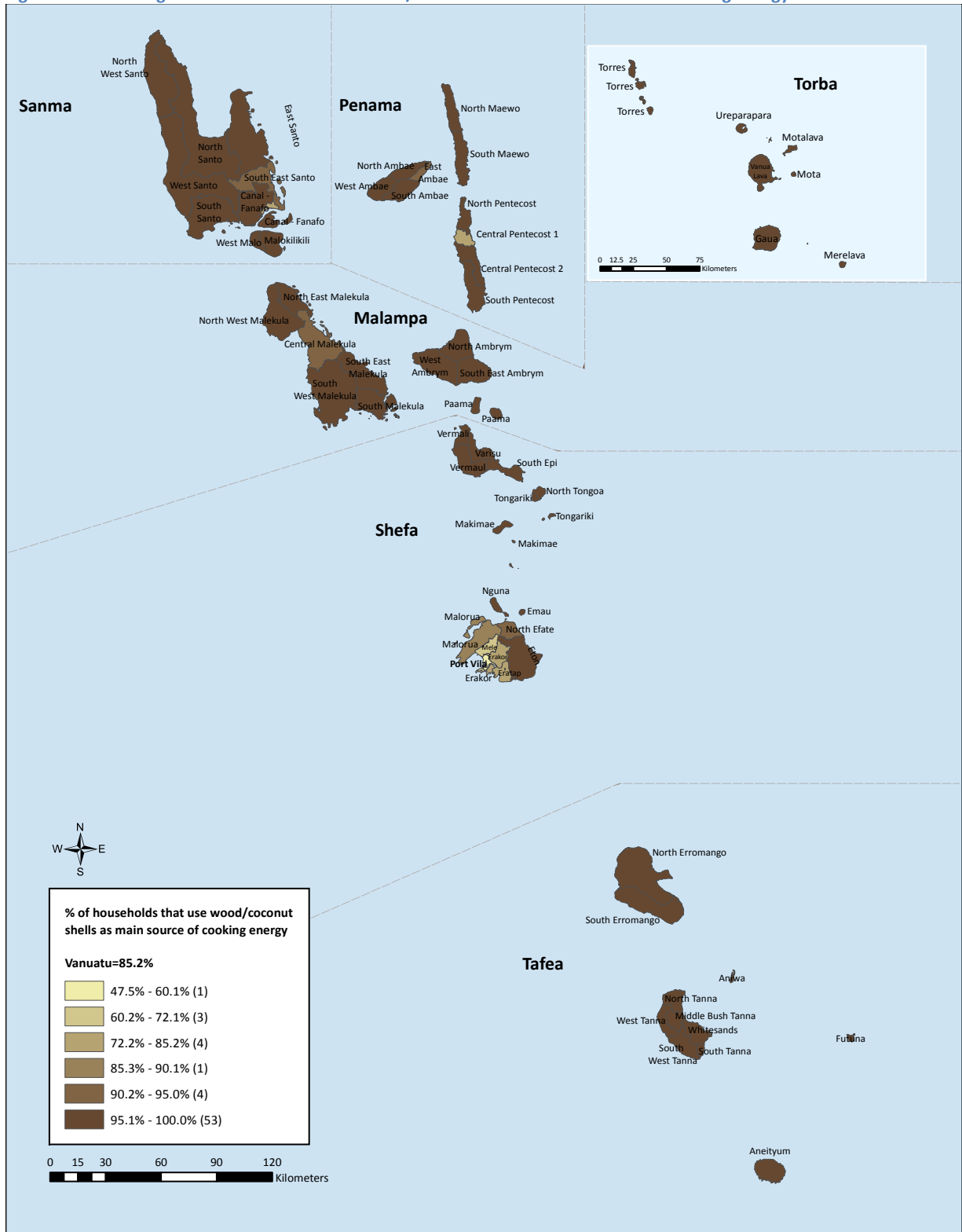
Source: Population and Housing Census, 2009.

Note: Number in () next to the category range shows the number of AC that fall into that category;

The median values for each category are 15.5%, 28.9%, 40.1%, 58.0%, 72.6% and 93.4% , respectively;

For each province, the percentage of households with main toilet facility being a pit latrine or none is: Torba (46.4%), Sanma (61.1%), Penama (88.4%), Malampa (58.3%), Shefa (40.2%), Tafea (53.9%), Port Vila (9.6%) and Luganville (22.3%);

Figure 33: Percentage of households that use wood/coconut shells as main source of cooking energy



Source: Population and Housing Census, 2009.

Note: Number in () next to the category range shows the number of AC that fall into that category; The median values for each category are 47.5%, 70.3%, 80.4%, 87.1%, 92.2% and 99.1, respectively; For each province, the percentage of households that use wood/coconut shells as main source of cooking energy is: Torba (99.2%), Sanma (97.2%), Penama (96.8%), Malampa (98.1%), Shefa (86.2%), Tafea (98.4%), Port Vila (47.5%) and Luganville (74.2%);

Table C: Household living (dwelling) conditions indicators

Area Council	% of households					
	living in dwellings with walls made of traditional material	living in dwellings with roof made of traditional material	living in dwellings with floor made of concrete/ wood	that have electricity as main source of lightning (main grid, own generator, solar)	that have main grid as the main source of lighting	that have solar system or solar lamp as the main source of lighting
TORBA	79.7%	78.1%	37.1%	10.1%	1.3%	7.5%
Gaua	80.3%	73.6%	51.9%	8.6%	0.0%	7.6%
Vanua Lava	76.8%	74.1%	36.9%	18.0%	7.0%	6.7%
Torres	90.9%	88.5%	35.3%	5.9%	0.0%	5.9%
Motalava	77.9%	71.4%	40.1%	15.0%	0.0%	14.5%
Mota	91.4%	87.8%	12.2%	3.6%	0.0%	2.9%
Merelava	64.9%	65.7%	53.7%	4.5%	0.0%	3.0%
Ureparapara	73.5%	88.5%	19.9%	5.8%	0.0%	5.8%
SANMA	57.0%	66.8%	65.1%	19.7%	10.1%	7.2%
Malokilikili	79.1%	77.1%	59.9%	9.2%	2.3%	4.1%
West Malo	50.0%	70.8%	71.1%	5.1%	0.2%	4.3%
North West Santo	70.1%	71.2%	46.5%	18.8%	2.2%	16.6%
South Santo	64.3%	74.6%	65.9%	13.0%	2.5%	9.5%
South East Santo	29.6%	45.7%	79.5%	37.1%	29.1%	1.5%
North Santo	69.3%	79.1%	51.1%	8.1%	0.0%	6.9%
West Santo	92.7%	91.8%	20.1%	17.4%	0.2%	17.0%
East Santo	44.0%	55.4%	82.7%	27.8%	22.2%	3.4%
Canal - Fanafo	43.0%	50.8%	77.1%	31.1%	17.2%	8.9%
PENAMA	70.8%	64.9%	50.5%	6.7%	2.5%	3.5%
North Maewo	80.8%	78.9%	59.5%	3.0%	2.2%	0.2%
South Maewo	85.0%	72.5%	40.8%	2.8%	0.0%	2.8%
South Pentecost	67.2%	67.5%	40.7%	11.2%	2.0%	8.2%
North Pentecost	78.5%	75.5%	36.6%	3.8%	0.9%	2.7%

Area Council	% of households					
	living in dwellings with walls made of traditional material	living in dwellings with roof made of traditional material	living in dwellings with floor made of concrete/ wood	that have electricity as main source of lightning (main grid, own generator, solar)	that have main grid as the main source of lighting	that have solar system or solar lamp as the main source of lighting
Central Pentecost 2	76.5%	71.5%	23.8%	4.4%	0.9%	3.2%
South Ambae	83.5%	77.7%	46.9%	4.2%	0.4%	2.7%
North Ambae	73.1%	55.1%	61.1%	5.1%	4.1%	0.5%
East Ambae	54.2%	41.2%	90.8%	17.9%	15.8%	1.5%
West Ambae	61.3%	48.0%	84.6%	6.9%	1.1%	4.6%
Central Pentecost 1	56.4%	64.7%	36.9%	7.8%	1.2%	4.9%
MALAMPA	63.8%	70.0%	64.0%	17.7%	6.5%	9.9%
North West Malekula	83.0%	89.7%	58.4%	16.5%	0.1%	16.3%
North East Malekula	57.4%	69.2%	72.1%	9.2%	0.2%	8.4%
Central Malekula	60.7%	62.9%	83.8%	49.5%	36.8%	11.4%
South East Malekula	72.9%	78.0%	50.6%	8.7%	3.9%	3.7%
West Ambrym	41.9%	58.4%	73.4%	18.3%	0.6%	10.3%
North Ambrym	67.4%	66.8%	56.0%	9.2%	1.2%	6.4%
South East Ambrym	83.5%	81.4%	32.5%	4.1%	0.0%	3.3%
Paama	33.5%	43.5%	69.8%	15.3%	3.8%	10.2%
South Malekula	58.1%	72.0%	60.8%	9.2%	0.2%	8.5%
South West Malekula	70.6%	65.4%	56.7%	20.7%	2.0%	17.3%
SHEFA	15.6%	20.9%	70.1%	41.7%	30.5%	7.0%
Eratap	12.5%	20.8%	71.3%	47.9%	34.5%	4.0%
South Epi	51.7%	54.1%	64.9%	6.3%	0.0%	2.9%
Vermaul	10.5%	58.0%	46.2%	11.3%	0.4%	9.7%
Vermali	36.5%	47.1%	49.6%	23.7%	2.3%	20.8%
Varisu	76.3%	77.4%	51.4%	7.8%	0.8%	6.4%

Area Council	% of households					
	living in dwellings with walls made of traditional material	living in dwellings with roof made of traditional material	living in dwellings with floor made of concrete/ wood	that have electricity as main source of lightning (main grid, own generator, solar)	that have main grid as the main source of lighting	that have solar system or solar lamp as the main source of lighting
North Tongoa	32.6%	31.4%	60.2%	3.2%	0.9%	0.9%
Tongariki	11.3%	12.3%	69.8%	4.7%	0.5%	1.9%
Makimae	16.3%	25.2%	48.5%	15.8%	0.0%	15.8%
Emau	6.1%	12.2%	74.8%	7.8%	0.0%	6.1%
North Efate	5.2%	5.6%	81.0%	22.7%	6.6%	10.3%
Nguna	11.3%	11.3%	72.4%	28.6%	0.3%	24.6%
Eton	8.0%	21.8%	63.7%	22.1%	1.3%	13.9%
Pango	1.2%	3.2%	88.4%	91.4%	89.8%	0.7%
Ifira	6.6%	9.4%	84.9%	71.7%	70.8%	0.5%
Erakor	4.3%	5.1%	74.5%	62.4%	55.9%	1.5%
Malorua	1.3%	4.7%	82.8%	45.9%	9.0%	15.5%
Mele	10.1%	11.8%	78.4%	79.4%	75.0%	2.4%
TAFEA	67.1%	65.1%	34.4%	22.1%	8.4%	13.1%
Futuna	55.7%	34.9%	17.0%	29.2%	0.0%	29.2%
Aniwa	7.1%	26.2%	67.9%	53.6%	0.0%	53.6%
North Erromango	35.4%	28.3%	59.2%	11.7%	0.0%	10.8%
South Erromango	56.4%	69.3%	50.5%	12.9%	0.0%	12.9%
Aneityum	64.0%	59.7%	75.3%	16.7%	0.5%	10.8%
South Tanna	54.6%	53.7%	47.6%	16.3%	1.3%	15.0%
South West Tanna	64.0%	67.3%	20.8%	3.1%	0.9%	2.1%
Whitesands	78.8%	85.0%	42.3%	8.5%	1.2%	6.5%
West Tanna	59.6%	54.9%	38.6%	40.3%	32.5%	7.7%
North Tanna	85.1%	72.4%	14.2%	18.1%	0.1%	17.7%
Middle Bush Tanna	69.6%	66.5%	22.7%	32.7%	0.1%	32.0%
PORT VILA	2.6%	1.5%	90.9%	85.7%	83.4%	0.9%

Area Council	% of households					
	living in dwellings with walls made of traditional material	living in dwellings with roof made of traditional material	living in dwellings with floor made of concrete/ wood	that have electricity as main source of lightning (main grid, own generator, solar)	that have main grid as the main source of lighting	that have solar system or solar lamp as the main source of lighting
LUGANVILLE	2.5%	11.6%	96.1%	71.9%	68.0%	1.7%
VANUATU	42.8%	45.2%	65.0%	36.1%	28.0%	6.3%

Table C (Continued): Household living conditions indicators

Area Council	% of households				
	that use generator as the main source of lighting	with the main source of drinking water coming from well (unprotected) or river/lake/spring	with the main source of drinking water coming from HH tank or shared tank	with main toilet facility being a pit latrine (private or shared) or none	that use wood/ Coconut shells as main source of cooking energy
TORBA	1.2%	11.9%	57.5%	46.4%	99.2%
Gaua	1.0%	10.2%	56.1%	70.1%	99.0%
Vanua Lava	4.3%	27.1%	32.9%	38.1%	97.9%
Torres	0.0%	15.0%	44.1%	30.1%	100.0%
Motalava	0.6%	0.3%	86.4%	6.5%	99.1%
Mota	0.7%	0.0%	82.0%	30.2%	100.0%
Merelava	1.5%	0.0%	100.0%	76.1%	100.0%
Ureparapara	0.0%	20.4%	28.3%	98.2%	99.6%
SANMA	2.4%	19.3%	43.7%	61.1%	97.2%
Malokilikili	2.8%	2.3%	78.4%	37.6%	97.5%
West Malo	0.6%	13.0%	52.1%	64.2%	98.3%
North West Santo	0.0%	32.5%	12.9%	90.4%	99.6%
South Santo	1.0%	19.1%	15.5%	58.7%	97.9%
South East Santo	6.5%	3.5%	61.4%	74.0%	92.2%
North Santo	1.2%	51.3%	34.3%	56.6%	98.8%
West Santo	0.2%	57.0%	1.8%	94.5%	99.8%
East Santo	2.1%	2.9%	85.1%	35.6%	98.7%
Canal - Fanafo	5.0%	8.6%	54.6%	56.6%	95.8%
PENAMA	0.7%	7.4%	60.5%	88.4%	96.8%
North Maewo	0.6%	11.3%	4.0%	99.2%	99.2%
South Maewo	0.0%	5.9%	8.7%	87.1%	99.3%
South Pentecost	1.0%	17.0%	10.7%	85.1%	97.5%

Area Council	% of households				
	that use generator as the main source of lighting	with the main source of drinking water from well (unprotected) or river/lake/spring	with the main source of drinking water coming from HH tank or shared tank	with main toilet facility being a pit latrine (private or shared) or none	that use wood/Coconut shells as main source of cooking energy
North Pentecost	0.3%	11.6%	74.7%	93.5%	99.4%
Central Pentecost 2	0.3%	7.4%	61.3%	97.2%	99.6%
South Ambae	1.2%	13.8%	55.0%	100.0%	100.0%
North Ambae	0.5%	1.9%	82.8%	91.8%	96.7%
East Ambae	0.6%	0.0%	98.5%	83.8%	90.2%
West Ambae	1.2%	0.0%	98.7%	71.3%	98.3%
Central Pentecost 1	1.6%	1.2%	73.0%	82.2%	84.7%
MALAMPA	1.3%	12.7%	42.1%	58.3%	98.1%
North West Malekula	0.1%	27.0%	3.4%	71.3%	99.5%
North East Malekula	0.6%	23.4%	41.2%	46.0%	99.1%
Central Malekula	1.2%	12.3%	29.9%	55.3%	92.5%
South East Malekula	1.1%	16.5%	18.0%	78.2%	98.3%
West Ambrym	7.4%	1.8%	82.3%	42.1%	99.2%
North Ambrym	1.6%	0.1%	79.0%	54.8%	99.1%
South East Ambrym	0.7%	0.2%	72.1%	32.5%	100.0%
Paama	1.3%	2.3%	77.2%	25.6%	99.5%
South Malekula	0.5%	3.3%	45.5%	63.4%	98.8%
South West Malekula	1.4%	11.1%	39.6%	91.6%	99.1%
SHEFA	4.2%	6.3%	42.8%	40.2%	86.2%
Eratap	9.3%	6.0%	37.9%	58.7%	81.1%
South Epi	3.4%	5.4%	46.3%	88.8%	100.0%

Area Council	% of households				
	that use generator as the main source of lighting	with the main source of drinking water from well (unprotected) or river/lake/spring	with the main source of drinking water coming from HH tank or shared tank	with main toilet facility being a pit latrine (private or shared) or none	that use wood/Coconut shells as main source of cooking energy
Vermaul	1.3%	13.4%	3.8%	97.9%	99.6%
Vermali	0.5%	0.7%	29.0%	67.2%	98.8%
Varisu	0.6%	9.5%	21.5%	47.8%	98.6%
North Tongoa	1.5%	1.5%	90.1%	14.8%	98.5%
Tongariki	2.4%	0.0%	96.2%	15.6%	99.5%
Makimae	0.0%	0.0%	92.1%	96.5%	99.5%
Emau	1.7%	2.6%	95.7%	36.5%	95.7%
North Efate	5.8%	0.2%	54.6%	16.5%	92.2%
Nguna	3.7%	0.3%	94.4%	63.8%	97.0%
Eton	6.9%	22.5%	20.0%	44.5%	95.4%
Pango	0.9%	0.7%	23.4%	19.0%	61.3%
Ifira	0.5%	0.0%	45.3%	4.7%	70.3%
Erakor	5.0%	3.1%	28.1%	34.8%	79.6%
Malorua	21.5%	33.0%	45.9%	15.5%	87.1%
Mele	2.0%	9.9%	36.3%	18.8%	71.5%
TAFEA	0.5%	34.2%	10.6%	53.9%	98.4%
Futuna	0.0%	0.0%	0.9%	93.4%	100.0%
Aniwa	0.0%	0.0%	98.8%	64.3%	98.8%
North Erromango	0.9%	40.4%	26.5%	65.9%	100.0%
South Erromango	0.0%	68.3%	21.8%	27.7%	100.0%
Aneityum	5.4%	29.0%	0.0%	91.9%	100.0%
South Tanna	0.0%	6.6%	8.4%	45.8%	97.8%
South West Tanna	0.1%	37.1%	1.6%	57.2%	99.6%
Whitesands	0.8%	34.6%	5.6%	37.5%	99.5%

Area Council	% of households				
	that use generator as the main source of lighting	with the main source of drinking water coming from well (unprotected) or river/lake/spring	with the main source of drinking water coming from HH tank or shared tank	with main toilet facility being a pit latrine (private or shared) or none	that use wood/Coconut shells as main source of cooking energy
West Tanna	0.1%	10.4%	13.4%	51.8%	95.6%
North Tanna	0.3%	45.4%	7.0%	76.2%	99.4%
Middle Bush Tanna	0.5%	73.8%	13.8%	45.2%	99.0%
PORT VILA	1.4%	1.3%	7.8%	9.6%	47.5%
LUGANVILLE	2.2%	0.5%	26.9%	22.3%	74.2%
VANUATU	1.7%	11.7%	34.3%	48.0%	85.2%